

Region 3 GPRA Baseline RCRA Corrective Action Facility

Union Carbide Corp. -PTO

(A Subsidiary of The Dow Chemical Company)

31350 1st Avenue S
Nitro, WV 25143
Congressional District 2
EPA ID #: WVD000739722
Last Updated 6/16/05

Current Progress at the Site

Union Carbide Corporation (UCC) entered into a Facility Lead agreement with EPA on October 26, 1999 for conducting corrective action at the PTO Facility. A groundwater and free-phase recovery system is currently in operation at the facility. This system is described in the Interim Measures Report submitted to EPA on August 1, 2000. The main areas of concern at PTO are two former clay-lined basins that are addressed by the recovery well system, and the former drum disposal areas. A RCRA Facility Investigation (RFI) Workplan was approved by EPA on January 17, 2001 and implemented in April 2001. The RFI Report was submitted to EPA in January 2002. Based on findings and recommendations in the RFI Report, a follow-up RFI was conducted and the follow-up RFI Report was submitted to EPA in December 2003. In 2004, a review of historical data was performed to develop a conceptual model of potential risks to human health and the environment, and to determine additional data needs to adequately assess the potential risks. A Supplemental RFI Workplan to collect this data was submitted to EPA in October 2004 and approved in November 2004. The Supplemental RFI fieldwork was completed in December 2004.

Additional interim measures were performed in 2002 in order to meet the Environmental Indicator (EI) for Human Health. Additional fencing was installed around the facility in order to keep trespassers off the property. This was the final action necessary at the facility to meet the EI for Human Health on September 19, 2002. UCC will now focus on meeting EPA's Groundwater Environmental Indicator (EI), which is projected to be met by July 2005.

Site Description

The PTO Facility was used to clean tank trucks from 1975 to 1985. Prior to that operation, the facility was used for the disposal of various wastes from West Virginia UCC operations. The RFI Workplan described thirteen (13) Solid Waste Management Units (SWMUs) that formerly existed on the site. The entire site is approximately twenty (20) acres.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

Based on available information there are no known imminent threats to human health or the environment from the PTO Facility. The main contaminants of concern are PCBs, PAHs, bis(2-ethylhexyl)phthalate, carbon tetrachloride and trichloroethene.

Community Interaction

A Community Relations Plan has been submitted to EPA on February 28, 2001. In accordance with that plan, UCC sent letters to nearby residents informing them of site activities and asking them to complete a Community Survey Questionnaire.

Institutional Controls

No Institutional Controls Implemented.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

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